# DA2DVI-Pro

## Two output professional DVI Distribution Amplifier

### EDID Emulator + Cable Extender + Distribution Amplifier + DVI Signal Reclocker in one box

Lightware DA2DVI-Pro is a multifunctional distribution amplifier with built-in EDID Management and Pixel Accurate Reclocking. It automatically compensates for up to 60 meters of DVI copper cable, hence no adjustment is needed by the user. The output signal is reclocked and stabilized using Lightware's Pixel Accurate Reclocking technology to remove jitter caused by long cables or poor quality DVI sources.

Thanks to the Advanced EDID Management, DA2DVI-Pro can emulate any DVI display for continuous video output, even if the attached display is disconnected or powered down. The EDID memories from 01 to 49 are factory preset, the memories from 50 to 99 are user programmable. Memory 00 is transparent, which means that the attached display device's EDID (monitor or projector) will be reported to the source. With the Easy EDID Creator (PC software) the users can create their own EDID by completing four simple steps. More experienced users can use the Advanced EDID Editor software to manage every possible setting in the EDID, which they can download to the memory of the DA2DVI-Pro.

DA2DVI-Pro can be rack mounted or used standalone. The unit is equipped with the highest grade gold plated connectors to ensure reliable connection.
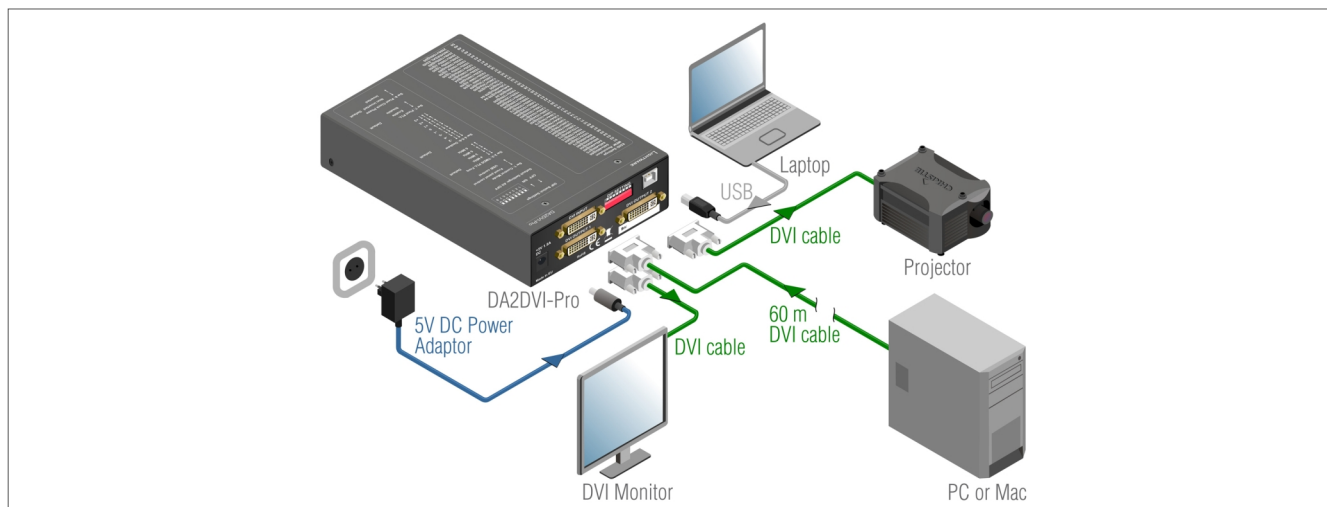
## Easy EDID creator

Easy EDID creator software allows users to create their own EDID by completing four single steps: setting the resolution, choosing HDMI support, selecting audio format and giving a name to the EDID. This way the user can easily define any resolution with or without audio, or combine a factory preset EDID with audio support. EDID can be downloaded to the DA2DVI-Pro via USB Port.
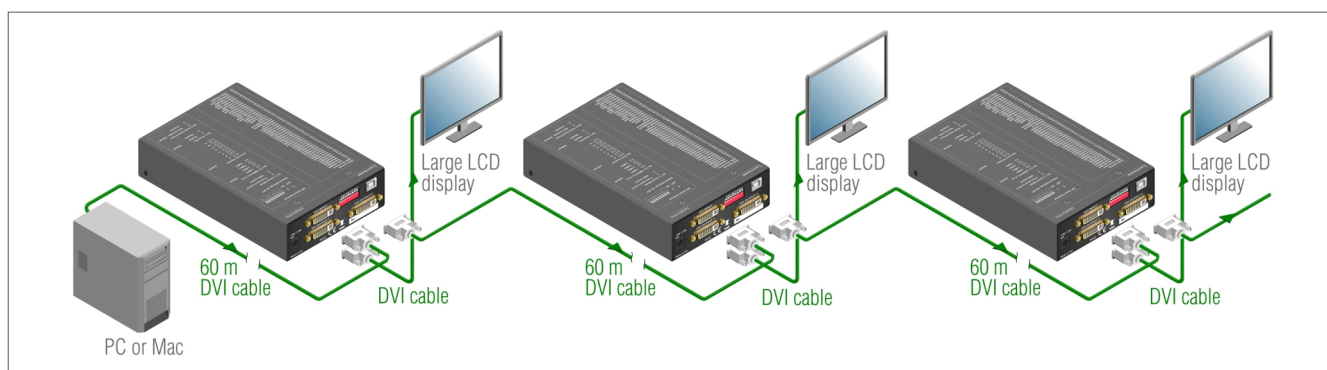
## Options
1U rack shelf

# DA2DVI-Pro

## Typical Application



## Digital Signage Application



## Applications

- Rental staging
- Military applications
- Fixed installations
- Digital Signage
- Conference rooms, classrooms
- Custom resolution and refresh rate EDID emulation
- 3D applications

## Features

- Up to 60 meters cable loss compensation at input
- Advanced EDID Management
- Quick and easy EDID editing and creation with Advanced EDID Editor software
- Pixel Accurate Reclocking:
  Intra-pair skew compensation
  Inter-pair skew compensation
  TMDS and clock jitter compensation
- Two identical outputs
- Signal detection, Source detection and Monitor detection LEDs
- USB connectivity
- Robust metal housing for usage in hard environment
- Locking DC connector
- Powers fiber extender DVI-OPT-TX100

## Connectors

| | |
|---|---|
| Input / Output: | 29 pole DVI-I connector |
| USB: | USB-B female connector |
| Power: | locking DC connector |

## Specifications

| | |
|---|---|
| Data rate per TMDS channel: | 1.65 Gbps |
| Max resolution: | 1920×1200 or 2048×1080 |
| Input cable equalization (automatic): | +40 dB max |
| Reclocking: | Yes |
| HDCP passthrough: | No |
| EDID memory: | 100 EDID |
| Programmable EDID memory: | 50 EDID |
| EDID support: | 256 byte Extended EDID |
| +5V Power on DVI Outputs: | 500 mA |
| Power: | Universal power adaptor, DC 5V 2A |
| Power consumption: | 4W (typical) 9W (max) |
| Enclosure: | 1 mm metal |
| Dimensions: | 120W × 180D × 42H mm |
| Net weight: | 700 gramms |
| Warranty: | 3 years |

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LIGHTWARE